WHAT IS CLAIMED IS:

1. A method of manufacturing an organic electroluminescence display device comprising the steps of:

forming a large number of stripe-shaped anode electrodes by a transparent conductive film on a surface of a transparent substrate;

forming an organic electroluminescence layer on the surface of the transparent substrate in superposition on the anode electrodes;

forming a metal layer to be a stripe-shaped cathode electrode on a surface of the organic electroluminescence layer;

sticking a light transmitting peeling film to the metal layer through an adhesive which is previously coated on one side of the peeling film and has adhesion to the metal layer being reduced by irradiation of ultraviolet light;

baking, onto the peeling film, a pattern according to the stripe-shaped cathode electrodes extended in such a direction as to cross the stripe-shaped anode electrodes through the irradiation of the ultraviolet light by using a mask overlaid thereon; and

peeling the peeling film from the organic electroluminescence layer.

2. The method of manufacturing an organic electroluminescence display device according to claim 1, wherein the peeling film is peeled in such a direction that the stripe-shaped cathode electrode is extended.